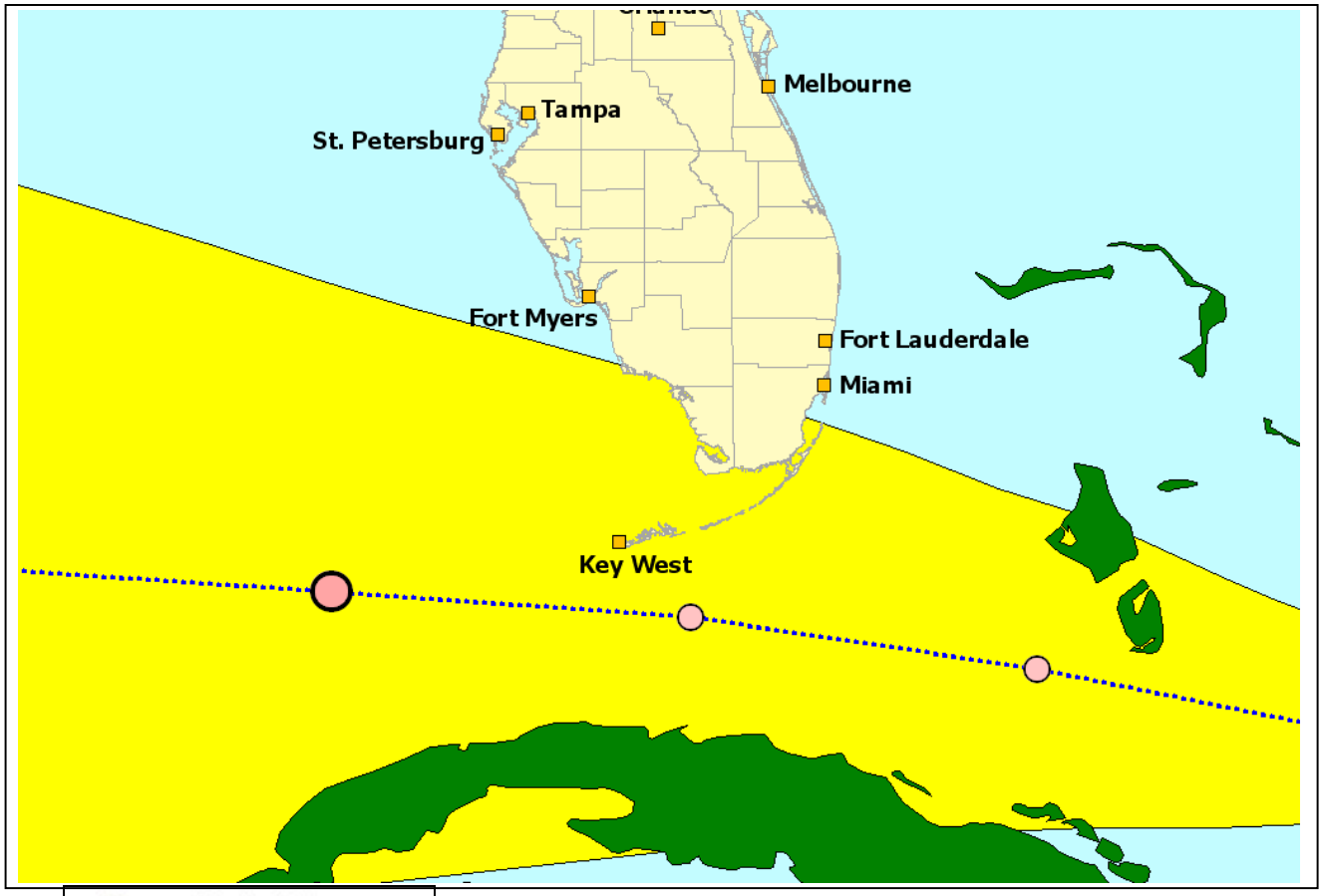
# Hurricane Rita Model Results

## Landfall Expected Within About *36* Hours

**For Official Use Only!**




Information provided on the following page displays the **most probable hurricane track** based on information from the **National Hurricane Center (NHC)**. These projections are based on information from the NHC (0500 – 09/19/2005) forecast.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

- Tropical Storm
- Category 1 Hurricane
- Category 2 Hurricane
- Category 3 Hurricane
- Category 4 Hurricane

NHC Forecast Track

Probable Landfall Zone

US Army Corps of Engineers

**Hurricane Rita 2-Day Model**

**Generated By:** Paul Deatrick
**Generated Date:** 0700 EDT 09/19/2005

**Sources:**
HURREVAC
LRL-DEBRIS

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## Landfall Expected Within About *36* Hours

Values Provided For Planning Purposes

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| | Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up (Number of Trucks Each Commodity and Lanes Anticipated - end of each day) | | | | | |
|---|---|---|---|---|---|---|
| | | | | | Within Hurricane Force Winds | |
| | Day One (25%)* | Day Two (50%)* | Day Three (100%)* | Commodity Trucks Day 1-3 Total | Population | Households |
| **Key West Landfall Track** | | | | | | |
| Florida | 3 | 3 | 3 | 9 | 44,000 | 19,000 |
| **Total** | **3** | **3** | **3** | **9** | **44,000** | **19,000** |

**Key assumption is that establishment of distribution lanes will be the limiting factor.**

* Assumption is that States/locals (FL is the * exception) will have the capability to establish about 25% of needed distribution lanes in the first 24 hours post-landfall, about 50% of needed distribution lanes in the first 48 hours after landfall, and all needed lanes by 72 hours post landfall. Florida, due to past experience, estimates they can establish up to 50 distribution lanes per day.

**Rita CAT2 48 hour assumption - 40% of the population within hurricane force winds will require water and/or ice**

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